Department of Employment and Training

Employment Review

MAY 1989

Employment Increases in May

Massachusetts total nonagricultural employment totaled 3,160,800 in May 1989. Seasonal hiring increased the number of jobs in the Commonwealth by 20,600 jobs over the past month.

- Wholesale and retail trade added 7,600 jobs over the month. Retail trade increased by 1.3 percent from April 1989 reaching a level of 550,200 jobs. Nurseries, lawn and garden supply stores, paint and building supply stores, and eating and drinking places are some of the retail trade establishments contributing to the seasonal increase in employment.

- The service sector increased by 5,800 jobs in May 1989, as employment levels rose in hotels, camps and recreational vehicle parks, golf courses, and other recreational facilities.

- Displaying normal seasonal patterns, the construction industry added 4,200 jobs over the month, to reach a level of 142,800 workers in May 1989.

- Manufacturing employment totaled 575,900 in May 1989, down 600 from the previous month.

Annual Employment Higher

Total employment in the Commonwealth has grown by 32,200 jobs since May 1988, an increase of 1 percent.

- Service sector employment has increased by 34,500 jobs since May 1988 an annual growth rate of 3.9 percent. The growth of jobs in this area has more than offset declines in other areas of the economy.

- The finance, insurance, and real estate sector added 8,800 jobs over the past year.

Unemployment Rates Decline

The May 1989 Massachusetts seasonally adjusted unemployment rate of 3.6 percent represents a decline from April's rate of 3.8 percent. The national seasonally adjusted rate of unemployment also declined during May 1989 to 5.2 percent from the April rate of 5.3 percent. New Jersey had a lower seasonally adjusted unemployment rate of 3.0 percent, and Michigan posted the higest unemployment rate of the eleven largest states at 6.7 percent.

The seasonally unadjusted unemployment rates for Massachusetts and eight of the ten major labor market areas reached their lowest levels for 1989 during May.

- The Boston PMSA unemployment rate declined to 2.9 in May 1989.

- Both the Pittsfield MSA and the Fall River PMSA experienced declines of

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NONAGRICULTURAL WAGE & SALARY EMPLOYMENT

MASSACHUSETTS

INDUSTRY	EMPLOYMENT			CHANGE			
				PRIOR MO.		YEAR AGO	
	MAY 1989	APR 1989	MAY 1988	#	%	#	%
NONAGRICULTURAL EMPLOYMENT	3160.8	3140.2	3128.6	20.6	0.7	32.2	1.0
Manufacturing	575.9	576.5	586.7	-0.6	-0.1	-10.8	-1.8
Durable Goods	380.6	381.1	390.1	-0.5	-0.1	-9.5	-2.4
Lumber & Furniture	12.0	12.0	12.6	0.0	****	-0.6	-4.8
Stone,Clay & Glass	11.4	11.3	11.2	0.1	0.9	0.2	1.8
Primary Metals	15.6	15.7	15.5	-0.1	-0.6	0.1	0.6
Fabricated Metals	40.5	40.6	40.9	-0.1	-0.2	-0.4	-1.0
Cutlery,Hand tools,Hardware	8.2	8.3	9.0	-0.1	-1.2	-0.8	-8.9
Machinery, except electrical	100.2	100.2	100.0	0.0	****	0.2	0.2
Metalworking machinery	13.7	13.5	13.1	0.2	1.5	0.6	4.6
Special industry machinery	10.9	10.9	11.2	0.0	****	-0.3	-2.7
* Office Computing, & Accounting Machines	54.8	54.9	54.1	-0.1	-0.2	0.7	1.3
Electrical & Electronic machinery,equip.,etc.	99.1	99.0	103.1	0.1	0.1	-4.0	-3.9
Communications equipment	37.2	37.0	38.3	0.2	0.5	-1.1	-2.9
Electronic components	38.3	38.3	40.5	0.0	****	-2.2	-5.4
Transportation equipment	30.8	30.9	33.3	-0.1	-0.3	-2.5	-7.5
Instruments	52.4	52.7	54.4	-0.3	-0.6	-2.0	-3.7
Measuring & Control devices	20.4	20.7	20.2	-0.3	-1.4	0.2	1.0
Miscellaneous Manufacturing Industries	18.6	18.7	19.1	-0.1	-0.5	-0.5	-2.6
Jewelry	7.1	7.1	7.2	0.0	****	-0.1	-1.4
Nondurable Goods	195.3	195.4	196.6	-0.1	-0.1	-1.3	-0.7
Food & kindred products	20.7	20.5	20.8	0.2	1.0	-0.1	-0.5
Textile mill products	15.5	15.7	16.1	-0.2	-1.3	-0.6	-3.7
Apparel	23.4	23.5	23.9	-0.1	-0.4	-0.5	-2.1
Mens & Boys suits,coats & furnishings	6.1	6.1	6.4	0.0	****	-0.3	-4.7
Paper & allied products	24.5	24.5	24.8	0.0	****	-0.3	-1.2
Printing & Publishing	55.8	55.9	55.8	-0.1	-0.2	0.0	****
Chemicals	19.0	18.9	18.2	0.1	0.5	0.8	4.4
Rubber & miscellaneous Plastic products	26.7	26.8	26.6	-0.1	-0.4	0.1	0.4
Miscellaneous Plastic products	20.5	20.7	20.5	-0.2	-1.0	0.0	****
Leather & Leather products	8.1	8.1	8.8	0.0	****	-0.7	-8.0
Footwear, except rubber	3.7	3.6	4.2	0.1	2.8	-0.5	-11.9
Mining	1.3	1.2	1.6	0.1	8.3	-0.3	-18.8
Construction	142.8	138.6	144.4	4.2	3.0	-1.6	-1.1
Transportation, Communication & Public Utilities	136.1	134.3	134.5	1.8	1.3	1.6	1.2
Wholesale & Retail trade	732.6	725.0	730.9	7.6	1.0	1.7	0.2
Wholesale Trade	182.4	181.6	178.4	0.8	0.4	4.0	2.2
Retail Trade	550.2	543.4	552.5	6.8	1.3	-2.3	-0.4
Finance, Insurance & Real Estate	233.4	232.0	224.6	1.4	0.6	8.8	3.9
Banking	65.1	65.5	64.7	-0.4	-0.6	0.4	0.6
Services	929.4	923.6	894.9	5.8	0.6	34.5	3.9
Health Services	254.7	253.7	248.6	1.0	0.4	6.1	2.5
Educational Services	121.9	124.3	119.4	-2.4	-1.9	2.5	2.1
Government	409.3	409.0	411.0	0.3	0.1	-1.7	-0.4
Federal	62.3	63.1	63.5	-0.8	-1.3	-1.2	-1.9
U.S. Postal Service	27.3	27.2	27.2	0.1	0.4	0.1	0.4
State	100.9	101.0	103.2	-0.1	-0.1	-2.3	-2.2
Educational services	23.1	23.4	26.2	-0.3	-1.3	-3.1	-11.8
Local	246.1	244.9	244.3	1.2	0.5	1.8	0.7
Educational services	141.0	140.9	140.0	0.1	0.1	1.0	0.7
Other Local	105.1	104.0	104.3	1.1	1.1	0.8	0.8
* High Technology Manufacturing	230.9	231.2	236.8	-0.3	-0.1	-5.9	-2.5
* High Technology Nonmanufacturing	91.5	91.6	88.5	-0.1	-0.1	3.0	3.4

NOTE: By place of work, not comparable to labor force employment statistics
* - Not currently validated by the U.S. Bureau of Labor Statistics

NONAGRICULTURAL WAGE & SALARY EMPLOYMENT

BOSTON PMSA

INDUSTRY	EMPLOYMENT			CHANGE			
				PRIOR MO.		YEAR AGO	
	MAY 1989	APR 1989	MAY 1988	#	%	#	%
NONAGRICULTURAL EMPLOYMENT	1776.6	1766.8	1756.5	9.8	0.6	20.1	1.1
Manufacturing	267.5	267.4	271.9	0.1	****	-4.4	-1.6
Durable Goods	189.6	189.5	194.4	0.1	0.1	-4.8	-2.5
Primary Metals	3.2	3.2	3.2	0.0	****	0.0	****
Fabricated Metals	14.8	14.8	15.4	0.0	****	-0.6	-3.9
Machinery, except electrical	44.7	44.8	45.8	-0.1	-0.2	-1.1	-2.4
Electrical & Electronic machinery,equip.,etc.	56.6	56.3	57.7	0.3	0.5	-1.1	-1.9
Transportation equipment	19.5	19.4	20.6	0.1	0.5	-1.1	-5.3
Instruments	39.3	39.5	39.9	-0.2	-0.5	-0.6	-1.5
Nondurable Goods	77.9	77.9	77.5	0.0	****	0.4	0.5
Food & kindred products	11.6	11.5	10.8	0.1	0.9	0.8	7.4
Textile mill products	1.9	2.0	2.3	-0.1	-5.0	-0.4	-17.4
Apparel	5.9	6.0	6.2	-0.1	-1.7	-0.3	-4.8
Paper & allied products	6.7	6.7	6.9	0.0	****	-0.2	-2.9
Printing & Publishing	34.0	34.0	33.2	0.0	****	0.8	2.4
Chemicals	7.9	7.9	7.9	0.0	****	0.0	****
Rubber & miscellaneous Plastic products	7.0	6.9	7.2	0.1	1.4	-0.2	-2.8
Leather & Leather products	2.3	2.3	2.3	0.0	****	0.0	****
Mining	1.0	0.9	0.9	0.1	11.1	0.1	11.1
Construction	75.4	71.9	72.6	3.5	4.9	2.8	3.9
Transportation, Communication & Public Utilities	77.0	76.3	77.3	0.7	0.9	-0.3	-0.4
Wholesale & Retail trade	387.1	385.9	389.8	1.2	0.3	-2.7	-0.7
Finance, Insurance & Real Estate	159.6	158.7	153.9	0.9	0.6	5.7	3.7
Banking	44.3	44.0	43.3	0.3	0.7	1.0	2.3
Insurance	34.7	34.6	35.0	0.1	0.3	-0.3	-0.9
Services	600.1	598.0	582.2	2.1	0.4	17.9	3.1
Health Services	147.2	146.4	141.9	0.8	0.5	5.3	3.7
Educational Services	93.4	94.2	94.4	-0.8	-0.8	-1.0	-1.1
Government	208.9	207.7	207.9	1.2	0.6	1.0	0.5
Federal	37.8	37.9	38.2	-0.1	-0.3	-0.4	-1.0
U.S. Postal Service	15.1	15.1	15.2	0.0	****	-0.1	-0.7
Federal Hospitals	5.1	5.1	4.9	0.0	****	0.2	4.1
State	50.2	49.7	50.8	0.5	1.0	-0.6	-1.2
State Hospitals	4.9	4.9	4.9	0.0	****	0.0	****
Educational services	8.6	8.5	8.4	0.1	1.2	0.2	2.4
Local	120.9	120.1	118.9	0.8	0.7	2.0	1.7

NOTE: By place of work, not comparable to labor force employment statistics

NONAGRICULTURAL WAGE & SALARY EMPLOYMENT

INDUSTRY	EMPLOYMENT			CHANGE			
				PRIOR MO.		YEAR AGO	
	MAY 1989	APR 1989	MAY 1988	#	%	#	%
SPRINGFIELD MSA							
NONAGRICULTURAL EMPLOYMENT	245.1	244.4	242.6	0.7	0.3	2.5	1.0
Manufacturing	50.3	50.4	51.2	-0.1	-0.2	-0.9	-1.8
Durable Goods	25.2	25.3	25.9	-0.1	-0.4	-0.7	-2.7
Fabricated Metals	6.7	6.8	6.9	-0.1	-1.5	-0.2	-2.9
Machinery, except electrical	6.2	6.1	6.2	0.1	1.6	0.0	****
Nondurable Goods	25.1	25.1	25.3	0.0	****	-0.2	-0.8
Textile mill products	1.6	1.6	1.6	0.0	****	0.0	****
Apparel	0.9	0.9	1.0	0.0	****	-0.1	-10.0
Paper & allied products	8.2	8.2	8.0	0.0	****	0.2	2.5
Printing & Publishing	6.4	6.4	6.5	0.0	****	-0.1	-1.5
Mining	0.1	0.1	0.1	0.0	****	0.0	****
Construction	11.2	10.6	10.3	0.6	5.7	0.9	8.7
Transportation, Communication & Public Utilities	10.5	10.4	9.8	0.1	1.0	0.7	7.1
Wholesale & Retail trade	58.4	57.8	57.1	0.6	1.0	1.3	2.3
Finance, Insurance & Real Estate	15.8	15.6	15.8	0.2	1.3	0.0	****
Services	60.7	61.2	59.2	-0.5	-0.8	1.5	2.5
Government	38.1	38.3	39.1	-0.2	-0.5	-1.0	-2.6
Federal	6.0	6.0	6.0	0.0	****	0.0	****
State	8.4	8.5	8.5	-0.1	-1.2	-0.1	-1.2
Local	23.7	23.8	24.6	-0.1	-0.4	-0.9	-3.7
WORCESTER MSA							
NONAGRICULTURAL EMPLOYMENT	216.4	215.8	208.1	0.6	0.3	8.3	4.0
Manufacturing	45.8	45.7	44.7	0.1	0.2	1.1	2.5
Durable Goods	30.4	30.4	29.5	0.0	****	0.9	3.1
Primary Metals	2.0	2.0	2.0	0.0	****	0.0	****
Fabricated Metals	7.5	7.5	7.0	0.0	****	0.5	7.1
Machinery, except electrical	10.0	10.0	9.8	0.0	****	0.2	2.0
Nondurable Goods	15.4	15.3	15.2	0.1	0.7	0.2	1.3
Textile mill products	2.4	2.4	2.6	0.0	****	-0.2	-7.7
Leather & Leather products	0.6	0.6	0.7	0.0	****	-0.1	-14.3
Mining	0.1	0.1	0.1	0.0	****	0.0	****
Construction	10.9	10.6	10.6	0.3	2.8	0.3	2.8
Transportation, Communication & Public Utilities	9.8	9.7	9.5	0.1	1.0	0.3	3.2
Wholesale & Retail trade	52.2	52.1	49.9	0.1	0.2	2.3	4.6
Finance, Insurance & Real Estate	15.4	15.3	14.5	0.1	0.7	0.9	6.2
Services	56.8	56.8	53.5	0.0	****	3.3	6.2
Government	25.4	25.5	25.3	-0.1	-0.4	0.1	0.4

NOTE: By place of work, not comparable to labor force employment statistics

NONAGRICULTURAL WAGE & SALARY EMPLOYMENT

INDUSTRY	EMPLOYMENT			CHANGE			
				PRIOR MO.		YEAR AGO	
	MAY 1989	APR 1989	MAY 1988	#	%	#	%
BROCKTON PMSA TIS PMSA							
NONAGRICULTURAL EMPLOYMENT	75.9	75.5	73.6	0.4	0.5	2.3	3.1
Manufacturing	11.1	11.1	11.0	0.0	****	0.1	0.9
Durable Goods	6.3	6.3	6.1	0.0	****	0.2	3.3
Electrical & Electronic machinery,equip.,etc.	1.3	1.3	1.2	0.0	****	0.1	8.3
Nondurable Goods	4.8	4.8	4.9	0.0	****	-0.1	-2.0
Construction	4.5	4.3	4.2	0.2	4.7	0.3	7.1
Transportation, Communication & Public Utilities	5.0	5.0	5.2	0.0	****	-0.2	-3.8
Wholesale & Retail trade	22.8	22.6	22.3	0.2	0.9	0.5	2.2
Finance, Insurance & Real Estate	3.4	3.4	3.3	0.0	****	0.1	3.0
Services	16.7	16.7	15.6	0.0	****	1.1	7.1
Government	12.4	12.4	12.0	0.0	****	0.4	3.3
Federal	3.4	3.4	3.0	0.0	****	0.4	13.3
State	2.8	2.8	2.7	0.0	****	0.1	3.7
Local	6.2	6.2	6.3	0.0	****	-0.1	-1.6
LAWRENCE - HAVERHILL MASS. - N.H. PMSA							
NONAGRICULTURAL EMPLOYMENT	167.7	167.0	167.2	0.7	0.4	0.5	0.3
Manufacturing	47.3	47.7	50.6	-0.4	-0.8	-3.3	-6.5
Durable Goods	33.2	33.5	36.2	-0.3	-0.9	-3.0	-8.3
Nondurable Goods	14.1	14.2	14.4	-0.1	-0.7	-0.3	-2.1
Leather & Leather products	1.6	1.6	1.9	0.0	****	-0.3	-15.8
Construction	8.1	7.6	7.9	0.5	6.6	0.2	2.5
Transportation, Communication & Public Utilities	7.3	7.2	7.0	0.1	1.4	0.3	4.3
Wholesale & Retail trade	38.4	37.9	36.9	0.5	1.3	1.5	4.1
Finance, Insurance & Real Estate	7.1	6.9	6.7	0.2	2.9	0.4	6.0
Services	37.7	37.3	35.9	0.4	1.1	1.8	5.0
Government	21.8	22.4	22.2	-0.6	-2.7	-0.4	-1.8

NOTE: By place of work, not comparable to labor force employment statistics

NONAGRICULTURAL WAGE & SALARY EMPLOYMENT

INDUSTRY	EMPLOYMENT			CHANGE			
				PRIOR MO.		YEAR AGO	
	MAY 1989	APR 1989	MAY 1988	#	%	#	%
PITTSFIELD MSA							
NONAGRICULTURAL EMPLOYMENT	43.5	42.6	42.3	0.9	2.1	1.2	2.8
Mining	0.1	0.1	0.1	0.0	****	0.0	****
Manufacturing	10.9	10.9	11.1	0.0	****	-0.2	-1.8
Machinery	6.6	6.5	6.7	0.1	1.5	-0.1	-1.5
All other manufacturing	4.3	4.4	4.4	-0.1	-2.3	-0.1	-2.3
Construction	2.9	2.6	2.7	0.3	11.5	0.2	7.4
Transportation, Communication & Public Utilities	1.2	1.2	1.1	0.0	****	0.1	9.1
Wholesale & Retail trade	10.3	10.1	9.7	0.2	2.0	0.6	6.2
Finance, Insurance & Real Estate	2.0	1.9	2.0	0.1	5.3	0.0	****
Services	11.2	10.9	10.7	0.3	2.8	0.5	4.7
Government	4.9	4.9	4.9	0.0	****	0.0	****
NEW BEDFORD MSA							
NONAGRICULTURAL EMPLOYMENT	69.8	69.2	68.3	0.6	0.9	1.5	2.2
Manufacturing	18.1	18.0	19.2	0.1	0.6	-1.1	-5.7
Durable Goods	7.7	7.7	8.2	0.0	****	-0.5	-6.1
Primary & Fabricated Metals	2.2	2.2	2.4	0.0	****	-0.2	-8.3
Nondurable Goods	10.4	10.3	11.0	0.1	1.0	-0.6	-5.5
Apparel	5.2	5.1	5.8	0.1	2.0	-0.6	-10.3
Construction	4.0	3.8	3.5	0.2	5.3	0.5	14.3
Transportation, Communication & Public Utilities	3.1	3.0	3.1	0.1	3.3	0.0	****
Wholesale & Retail trade	16.8	16.7	16.4	0.1	0.6	0.4	2.4
Finance, Insurance & Real Estate	2.6	2.5	2.6	0.1	4.0	0.0	****
Services	14.6	14.4	13.7	0.2	1.4	0.9	6.6
Government	10.6	10.8	9.8	-0.2	-1.9	0.8	8.2
FALL RIVER MASS. - R.I. PMSA							
NONAGRICULTURAL EMPLOYMENT	57.0	56.4	56.3	0.6	1.1	0.7	1.2
Manufacturing	15.1	15.2	15.9	-0.1	-0.7	-0.8	-5.0
Textile mill products	3.8	3.9	3.8	-0.1	-2.6	0.0	****
All other manufacturing	11.3	11.3	12.1	0.0	****	-0.8	-6.6
Construction	3.7	3.5	3.2	0.2	5.7	0.5	15.6
Transportation, Communication & Public Utilities	2.0	1.9	2.0	0.1	5.3	0.0	****
Wholesale & Retail trade	14.5	14.4	14.3	0.1	0.7	0.2	1.4
Finance, Insurance & Real Estate	3.4	3.4	3.1	0.0	****	0.3	9.7
Services	11.2	11.0	10.8	0.2	1.8	0.4	3.7
Government	7.1	7.0	7.0	0.1	1.4	0.1	1.4

NOTE: By place of work, not comparable to labor force employment statistics

NONAGRICULTURAL WAGE & SALARY EMPLOYMENT

INDUSTRY	EMPLOYMENT			CHANGE			
				PRIOR MO.		YEAR AGO	
	MAY 1989	APR 1989	MAY 1988	#	%	#	%
FITCHBURG - LEOMINSTER MSA							
NONAGRICULTURAL EMPLOYMENT	42.7	42.1	42.2	0.6	1.4	0.5	1.2
Manufacturing	12.3	12.3	12.0	0.0	****	0.3	2.5
Durable Goods	5.0	5.1	5.0	-0.1	-2.0	0.0	****
Machinery, except electrical	3.0	3.1	3.0	-0.1	-3.2	0.0	****
Nondurable Goods	7.3	7.2	7.0	0.1	1.4	0.3	4.3
Rubber & miscellaneous Plastic products	3.7	3.7	3.6	0.0	****	0.1	2.8
Construction	2.9	2.7	2.6	0.2	7.4	0.3	11.5
Transportation, Communication & Public Utilities	1.5	1.6	1.7	-0.1	-6.3	-0.2	-11.8
Wholesale & Retail trade	10.4	10.3	10.3	0.1	1.0	0.1	1.0
Finance, Insurance & Real Estate	1.7	1.7	1.7	0.0	****	0.0	****
Services	9.0	8.6	8.9	0.4	4.7	0.1	1.1
Government	4.9	4.9	5.0	0.0	****	-0.1	-2.0
LOWELL MASS. - N.H. PMSA							
NONAGRICULTURAL EMPLOYMENT	111.9	111.0	110.4	0.9	0.8	1.5	1.4
Mining	0.2	0.2	0.2	0.0	****	0.0	****
Manufacturing	36.1	36.2	36.8	-0.1	-0.3	-0.7	-1.9
Construction	6.3	5.9	5.9	0.4	6.8	0.4	6.8
Transportation, Communication & Public Utilities	5.4	5.0	4.9	0.4	8.0	0.5	10.2
Wholesale & Retail trade	24.1	24.1	23.5	0.0	****	0.6	2.6
Finance, Insurance & Real Estate	4.1	4.1	4.0	0.0	****	0.1	2.5
Services	22.0	21.8	21.3	0.2	0.9	0.7	3.3
Government	13.7	13.7	13.8	0.0	****	-0.1	-0.7
*** SALEM - GLOUCESTER PMSA**							
NONAGRICULTURAL EMPLOYMENT	119.0	116.7	116.3	2.3	2.0	2.7	2.3
Manufacturing	21.3	21.4	22.6	-0.1	-0.5	-1.3	-5.8
Durable Goods	14.6	14.7	15.4	-0.1	-0.7	-0.8	-5.2
Nondurable Goods	6.7	6.8	7.2	-0.1	-1.5	-0.5	-6.9
Construction	6.1	5.8	5.4	0.3	5.2	0.7	13.0
Transportation, Communication & Public Utilities	4.2	4.2	3.8	0.0	****	0.4	10.5
Wholesale & Retail trade	33.8	33.1	33.6	0.7	2.1	0.2	0.6
Finance, Insurance & Real Estate	6.4	6.2	5.9	0.2	3.2	0.5	8.5
Services	30.7	30.0	29.0	0.7	2.3	1.7	5.9
Government	16.5	16.0	16.0	0.5	3.1	0.5	3.1

NOTE: By place of work, not comparable to labor force employment statistics
* - Not currently validated by the U.S. Bureau of Labor Statistics

Nonagricultural Wage and Salary Employment

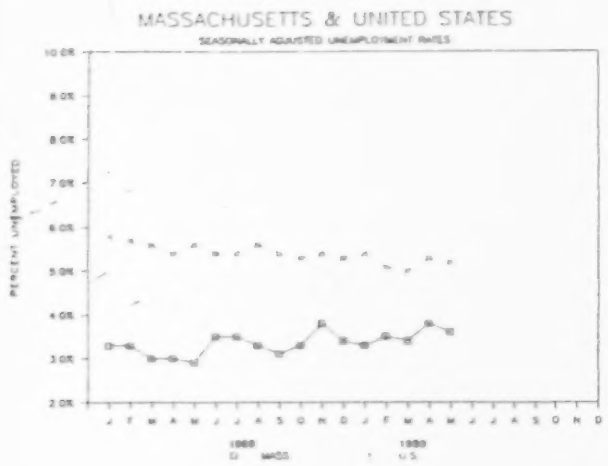
AVERAGE HOURS AND EARNINGS OF PRODUCTION WORKERS MANUFACTURING

Area	Average Weekly Hours			Average Hourly Earnings		
	MAY 89	APR 89	MAY 88	MAY 89	APR 89	MAY 88
UNITED STATES	40.9	41.0	41.0	$10.41	$10.41	$10.14
MASSACHUSETTS	40.8	40.9	40.7	10.65	10.60	10.12
BOSTON	40.5	40.5	42.8	11.33	11.32	10.93
BROCKTON	39.3	39.9	41.1	8.88	8.78	8.44
FALL RIVER	38.0	37.9	37.1	8.30	8.19	7.61
LAWRENCE-HAVERHILL	40.6	40.5	40.1	10.57	10.58	10.10
LOWELL	39.4	39.7	42.6	10.50	10.48	10.09
NEW BEDFORD	38.2	38.1	38.2	9.13	9.07	8.76
SPRINGFIELD	42.3	42.4	42.6	9.94	9.91	9.73
WORCESTER	41.3	41.5	40.4	10.84	10.76	10.33

Nonagricultural Wage and Salary Employment

AVERAGE HOURS AND EARNINGS OF PRODUCTION WORKERS BY INDUSTRY MASSACHUSETTS

Industry	Average Weekly Hours			Average Hourly Earnings		
	APR 89	MAR 89	APR 88	APR 89	MAR 89	APR 88
MANUFACTURING	40.8	40.9	40.7	$10.65	$10.60	$10.12
DURABLE GOODS	41.5	41.6	41.0	11.08	11.03	10.57
LUMBER & FURNITURE	40.2	40.2	39.4	8.88	8.82	7.95
STONE, CLAY & GLASS	41.7	42.3	42.0	12.77	12.73	12.44
PRIMARY METALS	41.3	41.5	41.5	10.64	10.44	10.12
FABRICATED METALS	41.0	41.2	41.9	11.14	11.18	10.58
CUTLERY, ETC.	45.8	45.7	45.3	11.78	11.81	11.18
MACHINERY, EX. ELEC.	41.7	42.0	41.9	11.25	11.22	10.77
METALWORKING MACH.	43.6	43.9	43.5	11.33	11.34	11.22
SPECIAL INDU. MACH.	43.0	43.3	44.1	12.18	11.93	12.16
ELEC. & ELECTRON. MACH.	40.6	40.4	41.2	10.54	10.49	10.13
COMMUNICATIONS EQUIP.	41.7	41.2	41.5	11.09	11.11	10.56
ELECTRONIC COMP.	41.0	40.9	41.3	10.69	10.58	10.07
TRANSPORTATION EQUIP.	41.9	41.9	42.8	13.18	13.12	12.76
INSTRUMENTS	43.1	43.2	37.5	11.62	11.54	10.90
MEAS. & CONTROL DEVICES	45.6	45.3	45.4	8.96	9.08	8.57
MISC. MANUFAC. IND.	42.7	41.9	42.0	9.55	9.39	9.06
JEWELRY	41.1	41.0	42.3	8.65	8.61	7.87
NONDURABLE GOODS	39.6	39.9	40.4	9.94	9.90	9.49
FOOD & KINDRED PROD.	41.1	41.1	39.5	10.51	10.55	10.04
TEXTILE MILL PROD.	42.7	42.8	43.2	9.18	9.13	8.74
APPAREL	37.1	37.1	38.4	7.22	7.13	6.45
MENS & BOYS SUITS	37.5	37.1	40.4	7.84	7.79	7.30
PAPER & ALLIED PRODUCTS	42.1	42.6	44.9	10.59	10.70	10.26
PRINTING & PUBLISHING	36.4	37.3	36.9	11.02	10.93	10.25
CHEMICALS	40.9	41.1	43.2	12.10	12.03	11.97
RUBBER & PLASTIC PROD.	42.1	42.1	42.3	9.63	9.57	9.41
MISC. PLAS. PROD.	40.8	40.8	40.7	9.39	9.39	9.22
LEATHER & LEATHER PROD.	36.2	36.1	37.0	7.87	7.84	7.61
FOOTWEAR, EX. RUBBER	36.0	35.4	37.8	6.92	6.95	6.77



(continued from page 1)

one percentage point over the month in their seasonally unadjusted unemployment rates with 4.1 percent and 4.8 percent respectively.

- The lowest rates among the smaller labor market areas were in Nantucket at 1.1 percent and Dukes County at 2.6 percent.

The Current Employment Statistics Program

The Massachusetts and area employment estimates published in the Employment Review are the result of a continuing cooperative effort by the Economic Research and Analysis service of the Massachusetts Department of Employment and Training and the Bureau of Labor Statistics of the U.S. Department of Labor. The procedures used to develop the estimates are established by the Bureau of Labor Statistics to provide a high degree of accuracy while producing employment information on a current basis at the local labor market area, the state, and national level.

The process of estimating the current employment begins by establishing a count of employment using data collected from those business establishments covered by the Massachusetts Employment Security Law and the Federal Unemployment Insurance Law. These sources are supplemented with data from certain nonagricultural establishments not covered by unemployment insurance laws. This count of employment is conducted annually each March and is referred to as the benchmark level of employment.

Monthly surveys are sent to approximately 10,000 establishments to obtain information about employment and payroll for the pay period that includes the twelth of the month. Employers participate voluntarily and are solicited in order to maintain a statistically accurate sample: by area, by industry and by size of firm. The returned surveys are reviewed for completeness and the monthly data is edited for reasonableness and accuracy.

Employment estimates by industry for the state and each labor market area are then formulated by applying the trends indicated by the sample reporters to the aggregate total for the particular industry and area. A ratio of the current month's employment to the previous month's level for a matched sample is calculated and applied to the previous month's total employment for that industry grouping in order to estimate the current month's employment level. This procedure is repeated each month to produce each successive month's estimate. Each year a new benchmark level is set and the successive months are re-estimated and revisions are made to previously released data.

The hours and earnings estimates are also calculated monthly using a matched sample. Micro data is reviewed and a weighted average of the hours and earnings for the production workers is produced by selected industries for the state and the majority of the labor market areas.

UNEMPLOYMENT RATES
UNITED STATES AND MASSACHUSETTS
SEASONALLY ADJUSTED

(In Thousands)

	MAY 1989	APRIL 1989	MAY 1988
United States	5.2	5.3	5.6
Massachusetts	3.6	3.8	2.9
Labor Force	3,196.0	3,197.0	3,127.0
Employed	3,080.0	3,077.0	3,035.0
Unemployed	116.0	120.0	92.0

LABOR FORCE, EMPLOYMENT AND UNEMPLOYMENT
UNITED STATES, MASSACHUSETTS AND THE LABOR AREA
NOT SEASONALLY ADJUSTED

AREA	MAY 1989	APRIL 1989	MAY 1988
UNITED STATES			
LABOR FORCE	123,195,000	122,576,000	120,775,000
EMPLOYMENT	117,039,000	116,347,000	114,222,000
UNEMPLOYMENT	6,156,000	6,229,000	6,553,000
PERCENT UNEMPLOYED	5.0	5.1	5.4
MASSACHUSETTS			
LABOR FORCE	3,169,600	3,178,400	3,103,000
EMPLOYMENT	3,061,700	3,060,600	3,019,300
UNEMPLOYMENT	107,900	117,800	83,700
PERCENT UNEMPLOYED	3.4	3.7	2.7
MAJOR LABOR AREAS			
BOSTON PMSA			
LABOR FORCE	1,562,670	1,568,240	1,538,970
EMPLOYMENT	1,516,780	1,519,260	1,502,840
UNEMPLOYMENT	45,880	48,980	36,130
PERCENT UNEMPLOYED	2.9	3.1	2.3
BROCKTON PMSA			
LABOR FORCE	100,170	100,670	96,680
EMPLOYMENT	96,190	96,320	93,480
UNEMPLOYMENT	3,980	4,350	3,200
PERCENT UNEMPLOYED	4.0	4.3	3.3
FALL RIVER PMSA			
LABOR FORCE	76,490	77,190	75,570
EMPLOYMENT	72,790	72,710	72,320
UNEMPLOYMENT	3,700	4,490	3,250
PERCENT UNEMPLOYED	4.8	5.8	4.3
FITCHBURG-LEOMINSTER MSA			
LABOR FORCE	47,870	48,000	47,930
EMPLOYMENT	45,590	45,620	46,510
UNEMPLOYMENT	2,280	2,380	1,430
PERCENT UNEMPLOYED	4.8	5.0	3.0
LAWRENCE-HAVERHILL PMSA			
LABOR FORCE	189,040	189,970	186,800
EMPLOYMENT	180,410	181,140	180,390
UNEMPLOYMENT	8,630	8,820	6,410
PERCENT UNEMPLOYED	4.6	4.6	3.4
LOWELL PMSA			
LABOR FORCE	155,220	155,560	151,110
EMPLOYMENT	149,110	149,330	146,840
UNEMPLOYMENT	6,110	6,230	4,270
PERCENT UNEMPLOYED	3.9	4.0	2.8
NEW BEDFORD MSA			
LABOR FORCE	87,530	87,810	84,090
EMPLOYMENT	83,200	83,010	80,680
UNEMPLOYMENT	4,320	4,810	3,400
PERCENT UNEMPLOYED	4.9	5.5	4.0

NOTE: By place of residence, not comparable to nonagricultural wage and salary employment.

LABOR FORCE, EMPLOYMENT AND UNEMPLOYMENT
UNITED STATES, MASSACHUSETTS AND THE LABOR AREA
NOT SEASONALLY ADJUSTED

AREA	MAY 1989	APRIL 1989	MAY 1988
PITTSFIELD MSA			
LABOR FORCE	40,560	40,530	39,590
EMPLOYMENT	38,910	38,460	38,020
UNEMPLOYMENT	1,650	2,070	1,570
PERCENT UNEMPLOYED	4.1	5.1	4.0
SALEM-GLOUCESTER PMSA			
LABOR FORCE	157,850	156,560	154,020
EMPLOYMENT	152,930	151,240	150,070
UNEMPLOYMENT	4,920	5,320	3,960
PERCENT UNEMPLOYED	3.1	3.4	2.6
SPRINGFIELD MSA			
LABOR FORCE	251,990	253,740	248,280
EMPLOYMENT	243,270	244,380	241,690
UNEMPLOYMENT	8,720	9,360	6,600
PERCENT UNEMPLOYED	3.5	3.7	2.7
WORCESTER MSA			
LABOR FORCE	229,170	230,760	219,640
EMPLOYMENT	221,910	222,800	214,090
UNEMPLOYMENT	7,260	7,950	5,560
PERCENT UNEMPLOYED	3.2	3.4	2.5
OTHER LABOR AREAS			
AMHERST LMA			
LABOR FORCE	32,840	32,920	31,020
EMPLOYMENT	31,860	31,970	30,300
UNEMPLOYMENT	980	940	710
PERCENT UNEMPLOYED	3.0	2.9	2.3
ATHOL LMA			
LABOR FORCE	11,020	10,840	10,440
EMPLOYMENT	10,400	10,170	9,970
UNEMPLOYMENT	620	670	470
PERCENT UNEMPLOYED	5.6	6.2	4.5
ATTLEBORO LMA			
LABOR FORCE	48,210	48,390	47,110
EMPLOYMENT	45,650	45,710	45,360
UNEMPLOYMENT	2,560	2,680	1,750
PERCENT UNEMPLOYED	5.3	5.5	3.7
BARNSTABLE LMA			
LABOR FORCE	102,970	101,140	99,590
EMPLOYMENT	98,900	95,900	96,280
UNEMPLOYMENT	4,080	5,230	3,310
PERCENT UNEMPLOYED	4.0	5.2	3.3
DUKES COUNTY LMA			
LABOR FORCE	7,250	6,680	6,710
EMPLOYMENT	7,060	6,380	6,580
UNEMPLOYMENT	190	300	130
PERCENT UNEMPLOYED	2.6	4.4	2.0

NOTE: By place of residence, not comparable to nonagricultural wage and salary employment.

LABOR FORCE, EMPLOYMENT AND UNEMPLOYMENT
UNITED STATES, MASSACHUSETTS AND THE LABOR AREA
NOT SEASONALLY ADJUSTED

AREA	MAY 1989	APRIL 1989	MAY 1988
GARDNER LMA			
LABOR FORCE	15,500	15,390	14,840
EMPLOYMENT	14,690	14,740	14,280
UNEMPLOYMENT	810	840	560
PERCENT UNEMPLOYED	5.2	5.4	3.8
GREAT BARRINGTON LMA			
LABOR FORCE	8,860	8,790	8,870
EMPLOYMENT	8,690	8,550	8,680
UNEMPLOYMENT	170	240	180
PERCENT UNEMPLOYED	2.0	2.7	2.1
GREENFIELD LMA			
LABOR FORCE	27,020	27,190	26,310
EMPLOYMENT	26,220	26,140	25,730
UNEMPLOYMENT	800	1,050	580
PERCENT UNEMPLOYED	3.0	3.9	2.2
NANTUCKET LMA			
LABOR FORCE	5,580	5,260	5,830
EMPLOYMENT	5,520	5,180	5,760
UNEMPLOYMENT	60	80	60
PERCENT UNEMPLOYED	1.1	1.4	1.1
NORTH ADAMS LMA			
LABOR FORCE	19,260	19,640	18,950
EMPLOYMENT	18,540	18,690	18,290
UNEMPLOYMENT	720	950	660
PERCENT UNEMPLOYED	3.7	4.8	3.5
SOUTHBRIDGE LMA			
LABOR FORCE	12,210	12,160	12,480
EMPLOYMENT	11,620	11,510	11,980
UNEMPLOYMENT	590	650	500
PERCENT UNEMPLOYED	4.8	5.4	4.0
TAUNTON LMA			
LABOR FORCE	28,920	29,190	27,220
EMPLOYMENT	27,580	27,660	26,340
UNEMPLOYMENT	1,330	1,530	890
PERCENT UNEMPLOYED	4.6	5.2	3.3
WARE LMA			
LABOR FORCE	8,730	8,940	8,230
EMPLOYMENT	8,390	8,530	7,950
UNEMPLOYMENT	340	400	290
PERCENT UNEMPLOYED	3.9	4.5	3.5
BALANCE of WESTERN MASS EA			
LABOR FORCE	9,970	9,700	8,930
EMPLOYMENT	9,660	9,320	8,690
UNEMPLOYMENT	310	380	230
PERCENT UNEMPLOYED	3.1	3.9	2.6

NOTE: By place of residence, not comparable to nonagricultural wage and salary employment.

LABOR FORCE, EMPLOYMENT AND UNEMPLOYMENT
MASSACHUSETTS CITIES AND TOWNS

MAY 1989 PRELIMINARY ESTIMATES

City or Town Name	Labor Force	Employment	Unemployment	Rate
ABINGTON	7,756	7,476	280	3.6
ACTON	10,163	9,977	186	1.8
ACUSHNET	5,256	5,041	215	4.1
ADAMS	4,998	4,811	187	3.7
AGAWAM	14,348	13,969	379	2.6
ALFORD	224	221	3	1.3
AMESBURY	7,428	7,096	332	4.5
AMHERST	20,385	20,169	416	2.0
ANDOVER	14,080	13,655	425	3.0
ARLINGTON	26,516	25,962	554	2.1
ASHBURNHAM	2,436	2,332	104	4.2
ASHBY	1,287	1,240	47	3.7
ASHFIELD	918	891	27	2.9
ASHLAND	7,123	6,949	174	2.4
ATHOL	4,827	4,535	292	6.0
ATTLEBORO	18,160	17,077	1,083	6.0
AUBURN	9,014	8,728	286	3.2
AVON	2,924	2,839	85	2.9
AYER	3,563	3,431	132	3.7
BARNSTABLE	21,498	20,204	1,294	6.0
BARRE	2,389	2,330	59	2.5
BECKET	829	792	37	4.5
BEDFORD	6,868	6,727	141	2.1
BELCHERTOWN	4,741	4,614	127	2.7
BELLINGHAM	7,645	7,380	265	3.5
BELMONT	14,166	13,896	270	1.9
BERKLEY	1,946	1,812	134	6.9
BERLIN	1,292	1,255	37	2.9
BERNARDSTON	1,025	1,003	22	2.1
BEVERLY	23,179	22,564	615	2.7
BILLERICA	23,309	22,556	753	3.2
BLACKSTONE	3,432	3,177	255	7.4
BLANDFORD	639	627	12	1.9
BOLTON	1,662	1,627	35	2.1
BOSTON	303,014	292,495	10,519	3.5
BOURNE	7,740	7,467	273	3.5
BOXBOROUGH	2,067	2,033	34	1.6
BOXFORD	3,063	3,000	63	2.1
BOYLSTON	2,232	2,174	58	2.6
BRAINTREE	19,455	18,932	523	2.7
BREWSTER	3,549	3,449	100	2.8
BRIDGEWATER	9,628	9,308	320	3.3
BRIMFIELD	1,128	1,070	58	5.1
BROCKTON	49,505	47,212	2,293	4.6
BROOKFIELD	1,569	1,510	59	3.8
BROOKLINE	32,598	32,041	557	1.7
BUCKLAND	1,016	1,007	9	0.9
BURLINGTON	13,863	13,445	418	3.0
CAMBRIDGE	54,440	53,148	1,292	2.4
CANTON	10,460	10,173	287	2.7
CARLISLE	2,244	2,213	31	1.4
CARVER	4,660	4,484	176	3.8
CHARLEMONT	672	647	25	3.7
CHARLTON	4,392	4,228	164	3.7
CHATHAM	3,283	3,226	57	1.7
CHELMSFORD	19,905	19,397	508	2.6
CHELSEA	11,777	11,173	604	5.1
CHESHIRE	1,694	1,632	62	3.7
CHESTER	609	581	28	4.6
CHESTERFIELD	681	655	26	3.8
CHICOPEE	29,096	27,934	1,162	4.0
CHILMARK	424	416	8	1.9
CLARKSBURG	936	932	4	0.4
CLINTON	7,038	6,805	233	3.3
COHASSET	3,925	3,808	117	3.0
COLRAIN	910	875	35	3.8
CONCORD	9,228	9,093	135	1.5
CONWAY	856	828	28	3.3
CUMMINGTON	443	433	10	2.3
DALTON	3,295	3,188	107	3.2
DANVERS	15,150	14,741	409	2.7
DARTMOUTH	14,061	13,497	564	4.0
DEDHAM	13,793	13,387	406	2.9
DEERFIELD	2,948	2,868	80	2.7
DENNIS	7,074	6,878	196	2.8
DIGHTON	2,880	2,784	96	3.3
DOUGLAS	2,472	2,386	86	3.5
DOVER	2,480	2,444	36	1.5
DRACUT	15,459	14,880	579	3.7
DUDLEY	5,205	5,073	132	2.5
DUNSTABLE	1,272	1,235	37	2.9
DUXBURY	6,824	6,658	166	2.4

City or Town Name	Labor Force	Employment	Unemployment	Rate
EAST BRIDGEWATER	5,486	5,296	190	3.5
EAST BROOKFIELD	1,010	972	38	3.8
EAST LONGMEADOW	6,335	6,199	136	2.1
EASTHAM	2,398	2,342	56	2.3
EASTHAMPTON	8,699	8,435	264	3.0
EASTON	16,902	16,598	304	1.8
EDGARTOWN	2,046	1,973	73	3.6
EGREMONT	790	781	9	1.1
ERVING	607	590	17	2.8
ESSEX	1,784	1,738	46	2.6
EVERETT	18,968	18,177	791	4.2
FAIRHAVEN	8,127	7,774	353	4.3
FALL RIVER	42,625	40,289	2,336	5.5
FALMOUTH	14,352	13,925	427	3.0
FITCHBURG	19,011	18,004	1,007	5.3
FLORIDA	385	339	46	11.9
FOXBOROUGH	8,251	8,031	220	2.7
FRAMINGHAM	39,624	38,492	1,132	2.9
FRANKLIN	10,249	9,942	307	3.0
FREETOWN	4,317	4,154	163	3.8
GARDNER	8,592	8,158	434	5.1
GAY HEAD	123	119	4	3.3
GEORGETOWN	3,121	3,021	100	3.2
GILL	769	761	8	1.0
GLOUCESTER	16,376	15,359	1,017	6.2
GOSHEN	460	457	3	0.7
GOSNOLD	35	35	0	0.0
GRAFTON	7,175	7,009	166	2.3
GRANBY	2,813	2,718	95	3.4
GRANVILLE	770	748	22	2.9
GREAT BARRINGTON	3,847	3,746	101	2.6
GREENFIELD	9,845	9,550	295	3.0
GROTON	3,919	3,826	93	2.4
GROVELAND	2,729	2,644	85	3.1
HADLEY	3,186	3,065	121	3.8
HALIFAX	3,037	2,891	146	4.8
HAMILTON	4,312	4,242	70	1.6
HAMPDEN	2,262	2,192	70	3.1
HANCOCK	327	318	9	2.8
HANOVER	6,171	5,980	191	3.1
HANSON	4,458	4,298	160	3.6
HARDWICK	964	927	37	3.8
HARVARD	3,460	3,412	48	1.4
HARWICH	4,857	4,743	114	2.3
HATFIELD	2,354	2,205	149	6.3
HAVERHILL	23,791	22,660	1,131	4.8
HAWLEY	195	191	4	2.1
HEATH	312	303	9	2.9
HINGHAM	10,235	9,987	248	2.4
HINSDALE	835	807	28	3.4
HOLBROOK	6,267	6,049	218	3.5
HOLDEN	7,991	7,837	154	1.9
HOLLAND	714	690	24	3.4
HOLLISTON	7,522	7,349	173	2.3
HOLYOKE	17,845	17,077	768	4.3
HOPEDALE	2,088	2,008	80	3.8
HOPKINTON	5,000	4,865	135	2.7
HUBBARDSTON	904	870	34	3.8
HUDSON	10,558	10,291	267	2.5
HULL	4,761	4,530	231	4.9
HUNTINGTON	917	872	45	4.9
IPSWICH	7,076	6,929	147	2.1
KINGSTON	4,305	4,153	152	3.5
LAKEVILLE	3,632	3,563	69	1.9
LANCASTER	3,202	3,141	61	1.9
LANESBOROUGH	1,609	1,559	50	3.1
LAWRENCE	29,746	27,418	2,328	7.8
LEE	2,944	2,863	81	2.8
LEICESTER	5,513	5,326	187	3.4
LENOX	3,348	3,264	84	2.5
LEOMINSTER	17,731	16,885	846	4.8
LEVERETT	1,212	1,165	47	3.9
LEXINGTON	16,783	16,540	243	1.4
LEYDEN	383	362	21	5.5
LINCOLN	3,514	3,473	41	1.2
LITTLETON	4,145	4,057	88	2.1
LONGMEADOW	7,707	7,601	106	1.4
LOWELL	54,459	51,774	2,685	4.9
LUDLOW	10,383	9,998	385	3.7
LUNENBURG	4,534	4,397	137	3.0
LYNN	40,202	38,453	1,749	4.4
LYNNFIELD	6,188	6,023	165	2.7

NOTE: By place of residence, not comparable to nonagricultural wage and salary employment

City or Town Name	Labor Force	Employment	Unemployment	Rate
MALDEN	29,106	28,048	1,058	3.6
MANCHESTER	2,032	1,956	76	3.7
MANSFIELD	8,241	8,035	207	2.5
MARBLEHEAD	14,127	13,848	279	2.0
MARION	2,107	2,028	79	3.7
MARLBOROUGH	18,954	18,393	561	3.0
MARSHFIELD	11,903	11,527	376	3.2
MASHPEE	3,806	3,688	118	3.1
MATTAPOISETT	3,275	3,198	77	2.4
MAYNARD	3,737	3,613	124	3.3
MEDFIELD	5,688	5,550	138	2.4
MEDFORD	32,183	30,154	1,029	4.3
MEDWAY	5,216	5,066	150	2.9
MELROSE	15,978	15,521	457	2.9
MENDON	1,930	1,854	76	3.9
MERRIMAC	2,468	2,370	98	4.0
METHUEN	21,561	20,754	807	3.7
MIDDLEBOROUGH	8,238	7,942	316	3.8
MIDDLEFIELD	211	201	10	4.7
MIDDLETON	3,067	2,988	79	2.6
MILFORD	13,460	12,940	520	3.9
MILLBURY	6,867	6,641	226	3.3
MILLIS	4,087	3,947	140	3.4
MILLVILLE	953	899	54	5.7
MILTON	13,218	12,956	262	2.0
MONROE	61	61	0	0.0
MONSON	3,590	3,491	99	2.8
MONTAGUE	4,478	4,325	153	3.4
MONTEREY	581	574	7	1.2
MONTGOMERY	310	303	7	2.3
MOUNT WASHINGTON	73	72	1	1.4
NAHANT	2,226	2,153	73	3.3
NANTUCKET	5,575	5,516	59	1.1
NATICK	18,221	17,804	417	2.3
NEEDHAM	15,453	15,188	265	1.7
NEW ASHFORD	98	96	2	2.0
NEW BEDFORD	48,338	45,509	2,829	5.9
NEW BRAINTREE	333	316	17	5.1
NEW MARLBOROUGH	729	720	9	1.2
NEW SALEM	452	402	50	11.1
NEWBURY	2,679	2,599	80	3.0
NEWBURYPORT	8,936	8,573	363	4.1
NEWTON	48,284	47,383	906	1.9
NORFOLK	3,499	3,407	92	2.5
NORTH ADAMS	8,138	7,719	419	5.1
NORTH ANDOVER	11,412	11,110	302	2.6
NORTH ATTLEBOROUGH	11,946	11,409	537	4.5
NORTH BROOKFIELD	2,420	2,215	205	8.5
NORTH READING	6,955	6,773	182	2.6
NORTHAMPTON	14,217	13,831	386	2.7
NORTHBOROUGH	6,689	6,559	130	1.9
NORTHBRIDGE	6,933	6,729	204	2.9
NORTHFIELD	1,393	1,365	28	2.0
NORTON	7,484	7,269	215	2.9
NORWELL	4,911	4,791	120	2.4
NORWOOD	17,186	16,562	624	3.6
OAK BLUFFS	1,328	1,293	35	2.6
OAKHAM	562	533	29	5.2
ORANGE	3,027	2,844	183	6.0
ORLEANS	3,110	3,030	80	2.6
OTIS	516	483	33	6.4
OXFORD	6,757	6,556	201	3.0
PALMER	6,216	6,029	187	3.0
PAXTON	2,300	2,267	33	1.4
PEABODY	28,809	27,890	919	3.2
PELHAM	1,001	960	41	4.1
PEMBROKE	7,360	7,061	299	4.0
PEPPERELL	5,511	5,316	195	3.5
PERU	428	422	6	1.4
PETERSHAM	470	462	8	1.7
PHILLIPSTON	503	488	15	3.0
PITTSFIELD	24,680	23,492	1,188	4.8
PLAINFIELD	239	223	16	6.7
PLAINVILLE	3,195	3,022	173	5.4
PLYMOUTH	19,294	18,507	787	4.1
PLYMPTON	1,137	1,105	32	2.8
PRINCETON	1,777	1,735	42	2.4
PROVINCETOWN	2,442	2,121	321	13.1
QUINCY	47,470	45,782	1,688	3.6
RANDOLPH	16,688	16,161	527	3.2
RAYNHAM	5,072	4,901	171	3.4
READING	12,194	11,809	385	3.2
REHOBOTH	4,124	3,951	173	4.2
REVERE	23,139	22,211	928	4.0
RICHMOND	857	838	19	2.2
ROCHESTER	2,043	1,999	44	2.2
ROCKLAND	7,982	7,663	319	4.0
ROCKPORT	3,442	3,302	140	4.1
ROWE	193	181	12	6.2
ROWLEY	2,813	2,721	92	3.3
RUSSELL	478	457	21	4.4
RUTLAND	775	756	19	2.5
SALEM	2,367	2,302	65	2.7
SALISBURY	23,191	22,434	757	3.3
SANDISFIELD	3,343	3,171	172	4.9
SANDWICH	380	376	4	1.1
SAUGUS	7,146	7,006	140	2.0
SAVOY	14,763	14,207	556	3.8
SCITUATE	345	337	8	2.3
SEEKONK	9,138	8,921	217	2.3
SHARON	6,400	6,119	281	4.4
SHEFFIELD	8,391	8,202	189	2.3
SHELBURNE	2,314	2,288	26	1.1
SHERBORN	2,050	2,002	48	2.3
SHIRLEY	2,202	2,162	40	1.8
SHREWSBURY	2,853	2,739	114	4.0
SHUTESBURY	13,384	13,090	294	2.2
SOMERSET	965	929	36	3.7
SOMERVILLE	9,848	9,489	359	3.6
SOUTH HADLEY	40,637	39,452	1,185	2.9
SOUTHAMPTON	6,687	6,439	248	3.7
SOUTHBOROUGH	2,357	2,296	61	2.6
SOUTHBRIDGE	3,685	3,590	95	2.6
SOUTHWICK	6,726	6,381	347	5.2
SPENCER	4,070	3,984	86	2.1
SPRINGFIELD	9,278	9,111	167	1.7
STERLING	67,411	64,393	3,018	4.5
STOCKBRIDGE	3,809	3,729	80	2.1
STONEHAM	1,297	1,270	27	2.1
STOUGHTON	12,981	12,593	387	3.0
STOW	15,344	14,831	513	3.3
STURBRIDGE	2,168	2,103	65	3.0
SUDBURY	3,095	2,963	132	4.3
SUNDERLAND	7,634	7,504	130	1.7
SUTTON	2,519	2,385	134	5.3
SWAMPSCOTT	3,537	3,453	84	2.4
SWANSEA	8,071	7,878	193	2.4
TAUNTON	8,211	7,918	293	3.6
TEMPLETON	24,089	22,988	1,101	4.6
TEWKSBURY	2,671	2,509	162	6.1
TISBURY	15,348	14,991	357	2.3
TOLLAND	2,384	2,327	57	2.4
TOPSFIELD	150	148	2	1.3
TOWNSEND	3,194	3,133	61	1.9
TRURO	4,543	4,416	127	2.8
TYNGSBOROUGH	690	635	55	8.0
TYRINGHAM	4,938	4,755	183	3.7
UPTON	252	250	2	0.8
UXBRIDGE	2,362	2,297	65	2.8
WAKEFIELD	4,986	4,809	177	3.5
WALES	14,442	14,040	402	2.8
WALPOLE	342	314	28	8.2
WALTHAM	10,906	10,606	300	2.8
WARE	33,997	33,126	871	2.6
WARREN	3,900	3,760	140	3.6
WARWICK	10,140	9,799	341	3.3
WASHINGTON	1,548	1,473	75	4.8
WATERTOWN	247	234	13	5.3
WAYLAND	320	317	3	0.9
WEBSTER	20,307	19,843	464	2.3
WELLESLEY	7,086	6,943	143	2.0
WELLFLEET	8,085	7,785	300	3.7
WENDELL	14,251	14,059	192	1.3
WENHAM	1,218	1,166	52	4.3
WEST BOYLSTON	407	387	20	4.9
WEST BRIDGEWATER	2,228	2,205	23	1.0
	3,555	3,454	101	2.8
	3,519	3,415	104	3.0

NOTE: By place of residence, not comparable to nonagricultural wage and salary employment

MAY 1989 PRELIMINARY ESTIMATES

City or Town Name	Labor Force	Employ-ment	Unemploy-ment	Rate
WEST BROOKFIELD	1,421	1,375	46	3.2
WEST NEWBURY	1,624	1,588	36	2.2
WEST SPRINGFIELD	14,612	14,137	475	3.3
WEST STOCKBRIDGE	725	711	14	1.9
WEST TISBURY	913	904	9	1.0
WESTBOROUGH	8,398	8,235	163	2.0
WESTFIELD	18,273	17,792	481	2.6
WESTFORD	9,208	8,945	263	2.9
WESTHAMPTON	833	820	13	1.6
WESTMINSTER	2,832	2,709	123	4.3
WESTON	5,789	5,708	81	1.4
WESTPORT	6,989	6,733	256	3.7
WESTWOOD	7,118	6,946	172	2.4
WEYMOUTH	31,150	30,180	970	3.1
WHATELY	1,021	984	37	3.6
WHITMAN	7,412	7,151	261	3.5
WILBRAHAM	6,324	6,208	116	1.8
WILLIAMSBURG	1,566	1,520	46	2.9
WILLIAMSTOWN	4,033	3,992	41	1.0
WILMINGTON	9,591	9,245	346	3.6
WINCHENDON	3,338	3,155	183	5.5
WINCHESTER	11,019	10,823	196	1.8
WINDSOR	372	350	22	5.9
WINTHROP	10,949	10,592	357	3.3
WOBURN	21,121	21,813	308	1.4
WORCESTER	84,923	81,759	3,164	3.7
WORTHINGTON	649	635	14	2.2
WRENTHAM	3,967	3,861	106	2.7
YARMOUTH	9,875	9,621	254	2.6

NOTE: By place of residence, not comparable to nonagricultural wage and salary employment

UNEMPLOYMENT INSURANCE CLAIMS[1]
MASSACHUSETTS AND THE LABOR AREAS

NOT SEASONALLY ADJUSTED

MASSACHUSETTS AND THE LABOR AREAS	INITIAL CLAIMS			CONTINUED CLAIMS[2]		
	MAY 89	APR 89	MAY 88	MAY 89	APR 89	MAY 88
MASSACHUSETTS	6,853	5,955	5,142	66,398	72,250	47,648
MAJOR LABOR AREAS						
BOSTON PMSA	2,712	2,327	1,741	29,188	30,474	20,286
BROCKTON PMSA	228	214	194	2,267	2,471	1,680
FALL RIVER PMSA[3]	301	401	373	2,490	3,002	2,106
FITCHBURG-LEOMINSTER MSA	204	126	95	1,411	1,495	735
LAWRENCE-HAVERHILL PMSA[4]	487	429	277	4,505	4,798	2,661
LOWELL PMSA[4]	372	270	227	3,356	3,457	1,880
NEW BEDFORD MSA	470	294	256	2,908	3,196	2,192
PITTSFIELD MSA	62	89	81	974	1,240	1,007
SPRINGFIELD MSA	312	298	265	3,294	3,398	2,282
SALEM-GLOUCESTER PMSA	625	508	388	5,124	5,652	3,564
WORCESTER MSA	448	388	348	4,441	4,851	2,829
OTHER LABOR AREAS						
AMHERST LMA	29	20	13	202	230	121
ATHOL LMA	44	34	34	368	409	265
BARNSTABLE COUNTY LMA	192	179	130	2,360	3,389	1,747
BALANCE OF WESTERN MA EA	17	22	7	159	216	111
DUKES COUNTY LMA	3	5	2	94	171	52
GARDNER LMA	83	46	55	532	535	304
GREAT BARRINGTON LMA	4	7	9	99	141	90
GREENFIELD LMA	35	70	32	470	630	301
NANTUCKET LMA	2	2	3	31	49	19
NORTH ADAMS LMA	31	70	31	497	644	432
SOUTHBRIDGE LMA	41	30	43	358	406	273
TAUNTON LMA	140	117	90	924	1,038	498
WARE LMA	24	17	17	205	260	180

1 - Week that includes the 12th
2 - Includes regular compensation not extended compensation
3 - Includes Rhode Island residents of PMSA
4 - Includes New Hampshire residents of PMSA

EXPLANATION OF TERMS

Nonagricultural Wage and Salary Employment. Includes all workers who worked full or part-time or who received vacation pay, holiday pay or sick leave pay directly from the employer for the pay period which includes the 12th of the month. Excluded are workers in most agricultural industries as well as those in forestry, fisheries and international government. Also excluded are self-employed workers, unpaid family workers and domestics in private households.

Benchmark. A reasonably complete count of employment at a specified period of time, usually the first quarter of the year. The principal sources of benchmark data for the CES Program are tabulations of employment reported by establishments covered by the Massachusetts Employment Security Law and by Federal government agencies covered by Federal U.I. Law. These principal sources are supplemented for those nonagricultural jobs not covered by U.I. (e.g., religious, students employed by the institution attended).

Establishment. An establishment is an economic unit which produces goods or services, generally at a single physical location, and is engaged in only one type of activity.

Labor Force. The sum of the employed and unemployed living in the area (total employment plus total unemployment).

Total Employment. The count of persons, living in the area, who did any work at all, in any area, for pay or profit during the week of the month including the 12th or who had a job from which they were temporarily absent because of illness, vacation, labor dispute or other reasons which does not reflect a shortage of work.

Total Unemployment. The count of persons, living in the area, who did no work at all, in any area, during the week of the month including the 12th, but who were looking for work or awaiting recall from layoff or beginning a new job within the next 30 days.

Unemployment Rate. Unemployment expressed as a percent of the labor force.

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Department of Employment and Training

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